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S/N 09/458,862

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Allison Hubel

Examiner: Elli Peselev

Serial No.: 09/458,862

Group Art Unit: 1623

Filed: December 10, 1999

Docket: 600.451US1

Title: COMPOSITIONS AND METHODS FOR CRYOPRESERVATION OF
PERIPHERAL BLOOD LYMPHOCYTES

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AMENDMENT AND RESPONSE UNDER 37 C.F.R. § 1.111

Commissioner for Patents
Washington, D.C. 20231

Applicant has reviewed the Office Action mailed on February 22, 2002. Please amend the above-identified patent application as follows.

In the Claims

Please substitute the claim set in the appendix entitled "Clean Version of Pending Claims" for the previously pending claim set. The specific amendments to individual claims are detailed in the following marked-up set of claims.

Please cancel claims 9-10, ~~23, 29~~, and 45-46 without prejudice.

Please amend the claims as follows:

- E1
1. (Three times amended) A cryopreservation medium [for hematopoietic cells] comprising a balanced electrolyte solution incorporating at least one cryoprotective agent that is arabinogalactan, or a biological or functional equivalent thereof, which agent is present in an amount of 1% w/v to 40% w/v[, wherein the hematopoietic cells are] and freshly isolated lymphocytes, hematopoietic stem cells, lymphocytes which are modified *ex vivo*, or a combination thereof, wherein the medium does not comprise dimethylsulfoxide or serum.
 14. (Three times amended) A composition suitable for administration to a human, comprising a suspension of [hematopoietic] cells in a cryopreservation medium comprising a balanced electrolyte solution incorporating at least one cryoprotective agent